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FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

THE SECRETARY - ROOM 222

12 MAR 1993

IN REPLY REFER TO:  
7330-7/1700A3

RECEIVED

MAR 23 1993

Honorable Alan K. Simpson  
United States Senate  
Washington, D.C. 20510

Dear Senator Simpson:

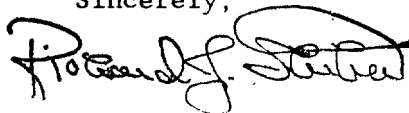
This is in reply to your letter of February 12, 1993, in which you inquired on behalf of several of your constituents regarding the Notice of Proposed Rule Making (Notice) in PR Docket No. 92-235, 57 FR 54034 (1992). This Notice proposes comprehensive changes to the Commission's Rules governing the private land mobile radio services operating in the frequency bands below 512 MHz.

Your constituents are specifically concerned about the impact of these changes on radio control (R/C) hobby users. Enclosed is a discussion paper concerning our proposals for the 72-76 MHz band. In short, we expect there would be no adverse impact on R/C operations because of any proposal contained in the Notice.

We are, of course, sensitive to the concerns of both users of private land mobile radio spectrum and R/C hobbyists. We will, therefore, take your constituents' concerns into account when we develop final rules in this proceeding. As indicated in the Notice, we remain convinced that without significant regulatory change in radio operations in the bands below 512 MHz, the quality of communications in the private land mobile radio services will continue to deteriorate to the point of endangering public safety and the national economy.

We want to thank you for your interest in this proceeding. Your constituents' letters will be included in the record of the proceeding. We expect final rules to be issued in 1994.

Sincerely,



Richard J. Shiben  
Chief, Land Mobile & Microwave Division  
Private Radio Bureau


Enclosures

cc:

CNTL NO - 9300822

Chief, PR Bureau  
Chief, LM&M Division  
Docket Files, Room 222  
P&P Branch File (Pink)

No. of Copies rec'd  
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# Congressional

*DUE OBC 3-4-93*

PLEASE MAKE 2 EXTRA COPIES OF INCOMING, ATTACHMENTS,  
AND REPLY FOR DOCKET FILE, ROOM 222.

CONGRESSIONAL CORRESPONDENCE TRACKING SYSTEM  
02/24/93

## LETTER REPORT

CONTROL NO.	DATE RECEIVED	DATE OF CORRESP	DATE DUE	DATE DUE OLA(857)
9300822	02/24/93	02/12/93	03/16/93	

TITLE	MEMBERS NAME	REPLY FOR SIG OF
Senator	Alan K Simpson	BC

CONSTITUENT'S NAME	SUBJECT
several constituents	inq. comments on PR Docket 92-235

REF TO	REF TO	REF TO	REF TO
PRB/m			
2-25			
DATE	DATE	DATE	DATE
02/24/93			

REMARKS:

FIELD OFFICES  
CASPER 261-5172  
CHEYENNE 772-2477  
CODY 527-7121  
GILLETTE 682-7091  
JACKSON 739-9507  
LARAMIE 745-5303

*PRB*  
*92 235*

# United States Senate

WASHINGTON, DC 20510-5002

ALAN K. SIMPSON  
WYOMING

VETERANS' AFFAIRS COMMITTEE

JUDICIARY COMMITTEE  
RANKING MEMBER—SUBCOMMITTEE ON  
IMMIGRATION AND REFUGEE AFFAIRS

ENVIRONMENT AND PUBLIC WORKS COMMITTEE  
RANKING MEMBER—SUBCOMMITTEE ON  
NUCLEAR REGULATION

*822*

February 12, 1993

Federal Communications Commission  
1919 M Street, NW  
Washington, D.C. 20554

Dear Sirs:

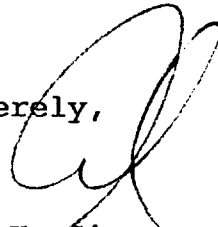
I am enclosing copies of several letters I have received concerning the proposed revision of regulations on private land mobile radio services.

I would appreciate your consideration of the views expressed by my constituents as the proposed regulations undergo further review.

Thank you for your attention to this matter.

With best regards,

Sincerely,



Alan K. Simpson  
United States Senator

AKS/pjb  
Enclosures

February 1, 1993

The Honorable Alan Simpson  
United States Senate

February 1, 1993

Senator Alan Simpson  
261 Dirksen Building  
Washington, D. C.

Re: PR Docket 92-235

Dear Senator Simpson:

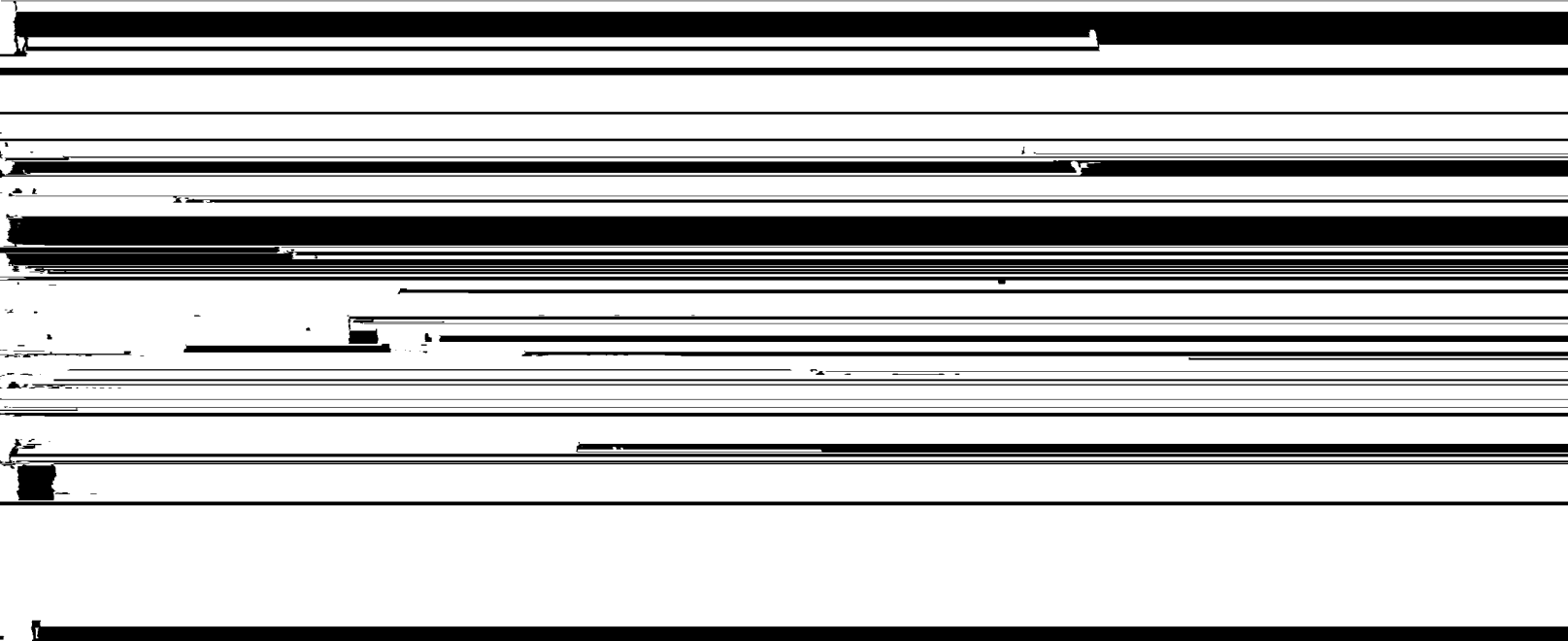
I am a retired person whose hobby is building and flying radio controlled model airplanes. I belong to a club in Sheridan, Wyoming which has 40 members and among our other activities, they are involved in training younger people to build and safely fly their own models.

I, personally, have approximately \$3,000 in 3 planes and our club is in the process of building it's own landing field which cost could easily exceed \$20,000.

Up to this time, our frequency band is between 72 - 76 MHz and has been compatible with private land mobile dispatch operations due to the distance between their and our operations. Now the FCC wants to create more land mobil frequencies by splitting them into narrower bandwidths and rearranging the band plan causing interference to radio controlled operations.

In 1989 the hobby industry commenced realigning their equipment to narrow bands so that each radio would operate only on it's assigned frequency. This was an expensive procedure. Now the FCC is again asking us to make further refinements at more cost to us plus severely stretching the safety limit for model plane operators. We are trying to stay in a very narrow band however, the technical specifications for the new equipment allows a legal frequency tolerance which could place the mobil phone signal directly on ours.

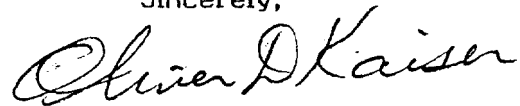
Many model airplances have wing spans up to 10 feet and weigh as much as 40 pounds. Should a mobil phone frequency interfere with ours during



butes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

A handwritten signature in cursive script that reads "Oliver D. Kaiser". The signature is fluid and elegant, with the first letters of the first and last names being capitalized and prominent.

Oliver D. Kaiser

P. O. Box 355

Story, WY. 82842

Member of "The Flying  
"Cowboys"

February 1, 1993  
Story, Wyoming

The Honorable Alan K. Simpson  
U. S. Senate  
Washington, D. C. 20510-5001

Dear Senator Simpson:

I am retired and derive many hours of enjoyment from constructing and operating radio controlled model airplanes. I am very active in a local club whose members enjoy the same.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contri-

The Honorable Mr. Simpson  
2120 Capitol Ave  
Cheyenne WY 82001

FEB 2 - 1993

Dear Senator Simpson:

I AM VERY CONCERNED ABOUT THE PROPOSED RULE THAT IS CURRENTLY UNDER CONSIDERATION BY THE FEDERAL COMMUNICATIONS COMMISSION (FCC). THE PROCEEDING IS PR DOCKET 92-235. IF ADOPTED THE NEW RULE WILL GREATLY REDUCE THE USABILITY OF FREQUENCIES CURRENTLY ASSIGNED FOR R/C MODEL USE AND INCREASE THE RISK OF ACCIDENTS AND ATTENDANT LIABILITY.

OUR RADIO-CONTROLLED FREQUENCIES ARE IN THE 72-76 MHZ BAND. THIS BAND IS PRIMARILY USED FOR PRIVATE LAND MOBILE DISPATCH OPERATIONS. HOWEVER, OUR RADIO-CONTROLLED FREQUENCIES IN THIS BAND ARE FAR ENOUGH APART FROM THE LAND MOBILE FREQUENCIES THAT WE HAVE BEEN ABLE TO SHARE THE BAND WITHOUT EITHER USE INTERFERING WITH THE OTHER.

THE NOTICE OF PROPOSED RULE MAKING (NPRM) IN PR DOCKET 92-235 REPLACES PART 90 OF THE RULES WITH A NEW PART 88. PART 90 ALLOWS FOR SAFE USE OF R/C AIRCRAFT AND SURFACE MODELS BY KEEPING 10 KHZ SPACING BETWEEN FIXED COMMERCIAL USERS AND FREQUENCIES USED BY R/C ENTHUSIASTS. THE NEW PART 88 WILL ALLOW MOBILE USERS ON FREQUENCIES WITHIN 2.5 KHZ OF FREQUENCIES AVAILABLE TO US, ELIMINATING SAFE USE OF AT LEAST 31 OF THE 50 CHANNELS ON THE 72 MHZ BAND (FOR R/C AIRCRAFT) AND 10 OF THE 30 FREQUENCIES ON THE 75 MHZ BAND (FOR R/C CARS AND BOATS) NOW USED BY HOBBYISTS. IN FACT, MORE CHANNELS WILL LIKELY BE AFFECTED.

WHEN WE OPERATE OUR R/C MODELS, WE GO TO GREAT LENGTHS TO ASSURE THE SAFETY OF THE OPERATORS, AND BYSTANDERS AND THE PROTECTION OF PROPERTY. MANY OF OUR SAFETY PRECAUTIONS INVOLVE THE CAREFUL COORDINATION AND USE OF THE RADIO CONTROL FREQUENCIES. IF THE NUMBER OF USABLE FREQUENCIES IS DIMINISHED AS PROPOSED BY THE FCC, THE REMAINING FREQUENCIES WILL BECOME CONGESTED AND THE MARGIN OF SAFETY WILL BE GREATLY DECREASED.

I DON'T THINK IT IS WISE OF THE FCC TO SEEK TO EXPAND THE OPERATION CONDITIONS OF LAND MOBILE RADIO USERS AT THE EXPENSE OF THE RADIO-CONTROLLED MODELERS. THE FCC MAY NOT THINK WE ARE AS IMPORTANT AS BUSINESS USERS OF RADIO, BUT WE HAVE A CONSIDERABLE INVESTMENT IN OUR MODELS, AND IN OUR RADIO EQUIPMENT. IT IS A SIZEABLE INDUSTRY THAT MUST BE SAVED FROM THESE DETRIMENTAL FCC ACTIONS. THE HOBBY PROVIDES MANY HOURS OF ENJOYMENT TO HUNDREDS OF THOUSANDS OF PEOPLE LIKE MYSELF AND CONTRIBUTES TO THE ADVANCEMENT AND DEVELOPMENT OF THE COMMERCIAL AVIATION INDUSTRY.

PLEASE HELP ME CONTINUE THE SAFE ENJOYMENT OF MY PASTIME BY NOT ALLOWING THE FCC TO CARRY OUT ITS PROPOSAL PR DOCKET 92-235 FOR THE 72-76 MHZ BAND. WE ALL NEED YOUR HELP URGENTLY BECAUSE THE FCC HAS A DEADLINE OF FEBRUARY 26, 1993 AFTER WHICH IT MAY BECOME MORE DIFFICULT TO AVOID HALTING THESE PROPOSALS FROM GOING INTO EFFECT.

SINCERELY, David Birge  
2336 Rockcrest  
Cheyenne WY 82001

DAVID BIRGE



February 2, 1993

The Honorable Senator Alan Simpson  
U. S. Senate  
Washington, D. C. 20515

Dear Senator Simpson:

I am writing to indicate my feelings on the FCC NPRM-PR Docket 92-235 that is being proposed.

I have spent many years and a lot of money in the hobby of model building and flying. My first endeavors were in the 1930's, so you know I have a real love of this sport.

I am now retired and have been building and flying mostly Radio Controlled aircraft. This is a hobby which keeps my mind and body in, I think, top-notch shape.

I have at the present many dollars invested in the radio equipment that is used to control the airplanes.

If the FCC ruling is allowed to go into effect, it will put commercial users so close to our assigned frequencies that ours will be unusable.

If these models were only setting on the ground there would not be a safety factor, but they are being flown.

The commercial units will have three or four times the power output of our units. This will be a disaster as they will completely swamp our signals and cause an immediate loss of control.

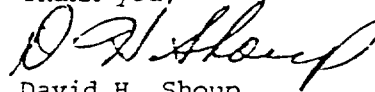
Our models can weigh up to 55 lbs and some fly at 150 mph or more.

Imagine what will happen if one of these commercial radio users hits one of our larger models while it is flying. The best one could hope for is the model only crashes. Just a few thousand dollars down the drain.

But, what if it also goes into a crowd of people? (There are nearly always lots of folks around watching us fly). Then we are looking at a real disaster.

Please do whatever you can to help us retain the use of our frequencies without the very real safety concern that will occur if the other users are allowed the intermingle with our frequencies.

Thank you,



David H. Shoup  
Academy of Model Aeronautics member  
since 1948 - AMA #6266

510 South 3rd E  
Riverton, WY 82501

DHS/ds

The Honorable Alan Simpson  
United States Senate  
Washington DC 20510

2-2-93

1993 FEB -9 PM 5:15

P.B.  
(GRP)

Al:

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission. The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the useability of frequencies currently assigned for radio controlled model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHZ band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 safe frequencies will be left if these new rules are adopted.

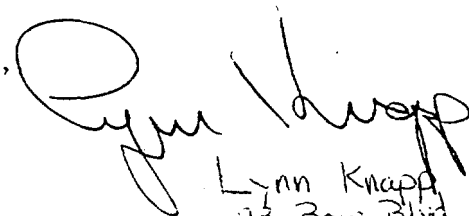
When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of useable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full compliment of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of the land mobile radio users at the expense of the radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 762-76 MHZ band.

Sincerely,



Lynn Knapp  
23 Bow Blvd  
762-76 MHZ band

Charles S. Kiefer  
2109 Carrington Ct.  
Laramie, WY 82070

P.B.  
(629)

Senator Simpson  
U.S. Senate  
Washington, D.C. 20510

1993 FEB -3 PM 5:46

Dear Senator Simpson:

I am writing to you regarding my concerns about FCC NPRM-PR Docket 92-235. I am the president of the Laramie Barnstormers RC Model Club, and fly radio controlled miniature aircraft on a regular basis. In addition I have been involved in the aviation industry as a pilot and professional mechanic for the past 40 years. I feel that this rule would cause a serious degradation in the safety of our flight operations, and would result in the personal loss of about \$3000 dollars in radio equipment and associated parts which would become unusable.

The problem occurs due to the fact that the frequencies which are currently allotted for our exclusive use will be overwritten by new frequencies being used for whatever purpose the FCC allows. The aircraft that I fly weigh up to 20 pounds and operate at speeds up to 90 MPH. As you can well imagine if control is lost due to radio interference they can cause

5. mps, military uses miniature aircraft (DDV/G) for purposes

1-29-1993  
105 South Washington  
Casper, WY 82601

The Honorable Allen Simpson  
United States Senate  
Washington, D.C. 20510

Sir:

You and the United States Government especially the

Richard D. Rath  
180 Clearview Drive  
Green River, WY 82935-5459

January 29, 1993

The Honorable Senator Alan Simpson  
United States Senate  
Washington, D. C. 20510

Dear Senator Simpson:

My vocation is Chemical Engineering and I hold a Professional Engineering license in Wyoming, Utah and North Carolina; one of my avocations is flying radio controlled model aircraft and I'm an active member of the Sweetwater Aeromodelers of Sweetwater County, Wyoming. I have been interested in aviation since my teen years 35 years ago!

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

The frequencies we modelers use are in the 72 - 76 MHz (megahertz) band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies we modelers are assigned and will cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be safe to use if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property, notwithstanding the model itself! Many of our safety precautions involve careful

coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and the craft weigh as much as 40 pounds! Often these fly at speeds exceeding 60 miles per hour. The models are expensive to build; but much more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. Last June we held a Pattern Flying Contest in Rock Springs in which 50 operators from several states participated safely. We need the use of our full complement of radio frequencies in order to secure a safe flying environment.

